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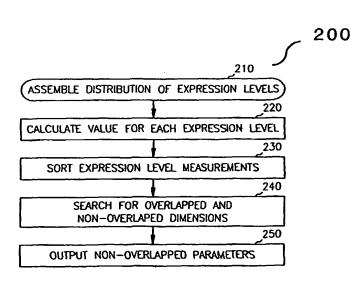
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(54) Title: GENE FUNCTION INFERRING USING GENE EXPRESSION DATA



(57) Abstract: Potential functions of one or more genes are inferred from gene expression measurements. Λ method involves assembling a distribution of expression level measurements for one or more genes. The method also involves calculating a significance value for each of the expression level measurements. The significance values determine which gene expression samples are classified as relevant and which are classified as irrelevant. The two sample classes are compared to each other to determine the non-overlapping parameters from the gene expression data between them. The non-overlapping parameters are used to indicate gene function of an unknown gene.

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